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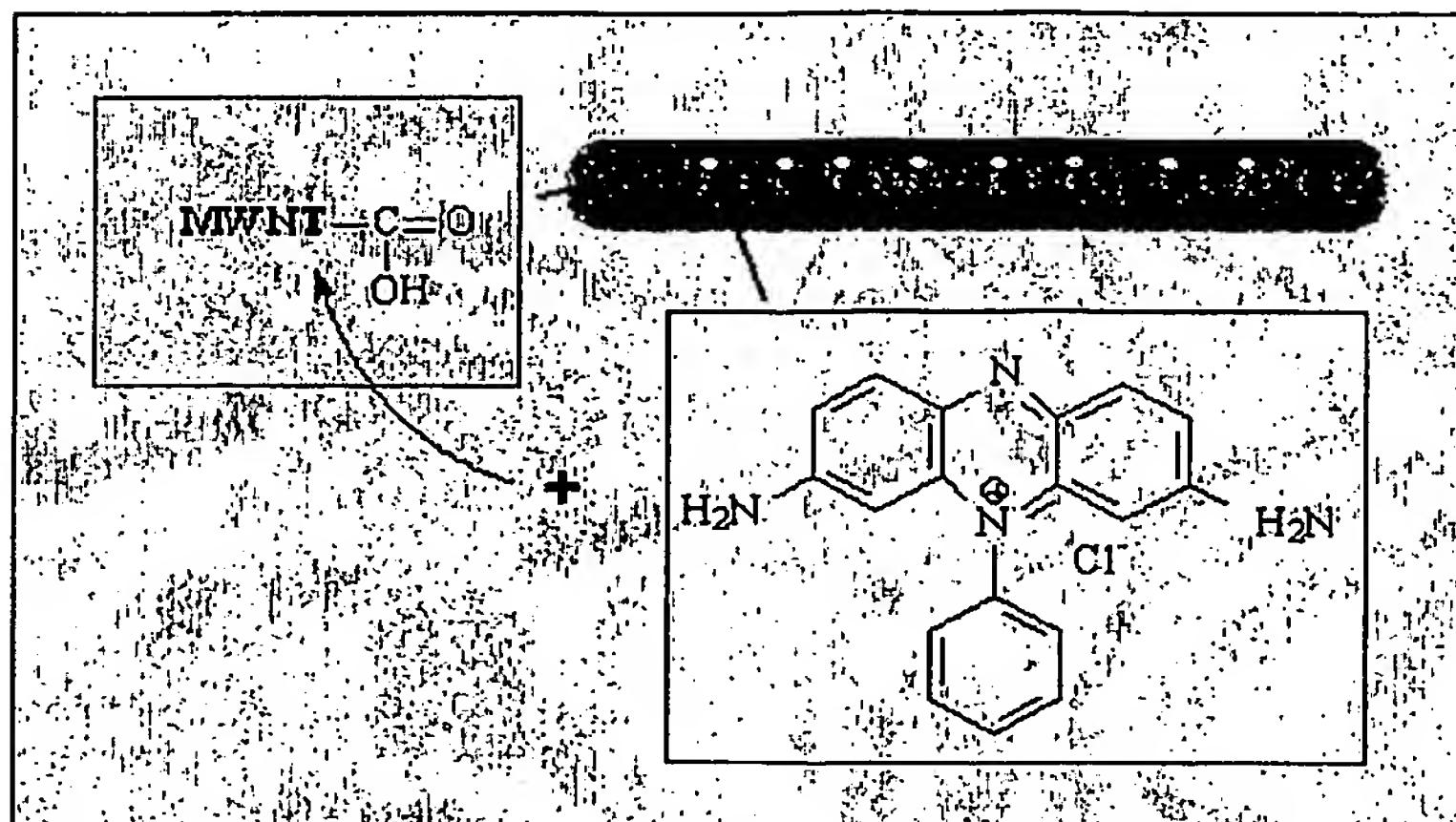
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(54) Title: NANOTUBE BASED NON-LINEAR OPTICS AND METHODS OF MAKING SAME



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(57) Abstract: A non-linear optical active material for a non-linear optical device includes a matrix material, such as a polymer matrix material, carbon nanotubes dispersed in the matrix material, and chromophores having non-linear optical properties, such as organic dye molecules, attached to defect sites on the carbon nanotubes.